

APPENDIX A

REFERENCES

Government Publications

Code of Federal Regulations (CFR).

Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

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| 29 CFR 1910 | Occupational Safety and Health, General Industry Standards. |
| 29 CFR 1926 | Occupational Safety and Health, Safety and Health Regulations for Construction. |

Department of the Army, Navy, and Air Force.

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| TM 5-682 | Facilities Engineering, Electrical Facility Safety. |
| TM 5-683/NAVFAC
MO-116/AFJMAN 32-1083 | Electrical Interior Facilities. |
| TM 5-8 II- I/AFJMAN
32-1080 | Electrical Power Supply and Distribution. |
| TM 5-811-7 | Electrical Design, Cathodic Protection. |
| NAVFAC MO-202 | Overhead Power Lines, Electromagnetic Interference Handbook. |
| NAVFAC P-1060 | Electrical Transmission and Distribution Safety Manual. |
| AFI 32-1054 | Corrosion Control. |
| AFI 32-1078 | Electrical Worker Safety |
| AFTO 36C-1-4 | Dielectric Testing of Insulated Aerial Manlift Devices. |
| MIL-HDBK-1003A/II | Diesel-Electric Generating Plants. |
| MIL-HDBK-100400 | Electrical Engineering, Cathodic Protection. |

Department of Defense, Defense Printing Service.

Detachment Office, Building 4D NPN-DODSSP, 700 Robbins Avenue, Philadelphia, PA 19111-5094

Index of Specifications and Standards.

Federal Aviation Administration (FAA)

Superintendent of Documents, PO. Box 371954, Pittsburgh, PA 15250-7954

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| FAA AC-00-2.8 | Advisory Circular Checklist. |
| FAA AC-150/5340-26 | Maintenance of Airport Visual Aid Facilities. |

Military Specifications (MIL).

Defense Printing Service (DPS)

Attention: Cataloging, Building 4D NPN-DODSSP.

700 Robbins Avenue, Philadelphia, PA 19111-5094

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| MIL-V-173C | Varnish, Moisture and Fungus Resistant (for Treatment of Communications, Electronic, and Associated Equipment). |
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Nongovernment Publications

American Association of State Highway and Transportation Officials (AASHTO).

444 N. Capitol Street NW, Washington, DC 20001

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| AASHTO Division II. 13.2 | Painting Metal Structures. |
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American National Standards Institute (ANSI).

11 West 42nd Street, New York, NY 10036

ANSI c2	National Electrical Safety Code.
ANSI c29.2	Insulators, Wet-Process Porcelain and Toughened Glass, Suspension Type.
ANSI c29.5	Wet-Process Porcelain Insulators, Low- and Medium-Voltage Types.
ANSI C29.6	Wet-Process Porcelain Insulators, High-Voltage Pin Type.
ANSI c29.7	Wet-Process Porcelain Insulators, High-Voltage Line-Post Type.
ANSI C84.1	Electric Power Systems and Equipment, Voltage Ratings (60-Hertz).
ANSI c119.4	Electric Connectors, Connectors for Use Between Aluminum-to-Aluminum or Aluminum-to-Copper Bare Overhead Conductors.
ANSI 05.1	Wood Poles, Specifications and Dimensions
ANSI 289.1	Personal Protection, Protective Headwear for Industrial Workers, Requirements.
ANSI 2133.1	Tree Care Operations, Pruning, Trimming, Repairing, Maintaining, and Removing Trees, and Cutting Brush, Safety Requirements.
ANSI/IEEE 18	Standard for Shunt Power Capacitors.
ANSI/IEEE 48	Standard Test Procedure and Requirements for High-Voltage Alternating-Current Cable Terminations.
ANSI/IEEE 80	Guide for Safety in AC Substation Grounding.
ANSI/IEEE 81	Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Ground System.
ANSI/IEEE 400	Guide for Making High-Direct-Voltage Tests on Power Cable Systems in the Field.
ANSI/IEEE 450	Recommended Practice for Maintenance, Testing, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations.
ANSI/IEEE 516	IEEE Guide for Maintenance Methods on Energized Power Lines.
ANSI/IEEE 935	IEEE Guide on Terminology for Tools and Equipment. To Be Used in Live Line Working.
ANSI/IEEE 957	IEEE Guide for Cleaning Insulators.
ANSI/IEEE 1106	Recommended Practice for Maintenance, Testing, and Replacement of Nickel-Cadmium Storage Batteries for Generating Stations and Substations.
ANSI/IEEE C367.60	Standard Requirements for Overhead, Pad-mounted, Dry Vault and Submersible Automatic Circuit Reclosers and Fault Interrupters for AC Systems.
ANSI C37.61/IEEE 321	Standard Guide for the Application, Operation, and Maintenance of Automatic Circuit Reclosers.
ANSI/IEEE C37.90	Standard for Relays and Relay Systems Associated with Electric Power Apparatus.
ANSI/IEEE C57.12.80	Standard Terminology for Power and Distribution Transformers.

ANSI/IEEE C57.12.90	Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers and Guide for Short-Circuit Testing of Distribution and Power Transformers.
ANSI/IEEE C57.91	Guide for Loading Mineral-Oil-Immersed Overhead and Pad-Mounted Distribution Transformers Rated 500 kVA and Less with 65 Degree C or 55 Degree C Average Winding Rise.
ANSI/IEEE C57.92	Guide for Loading Mineral-Oil-Immersed Power Transformers Up to and Including 100 MVA with 55 Degree C and 65 Degree C Average Winding Rise.
ANSI/IEEE C57.96	Guide for Loading Dry-Type Distribution Power Transformers.
ANSI/IEEE C57.106	Guide for Acceptance and Maintenance of Insulating Oil in Equipment.
ANSI/SIA A92.9	Vehicle-Mounted Elevated and Rotating Aerial Devices.
<i>American Society for Testing and Materials (ASTM).</i> 1916 Race Street, Philadelphia, PA 19103-1187	
ASTM A 90	Standard Test Method for Weight (Mass) of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings.
ASTM D 117	Standard Guide To Test Methods and Specifications for Electrical Insulating Oils of Petroleum Origin.
ASTM D 150	Standard Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation.
ASTM D 178	Standard Specification for Rubber Insulating Matting.
ASTM D 877	Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes.
ASTM D 923	Standard Test Method for Sampling Electrical Insulating Liquids.
ASTM D 924	Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids.
ASTM D 971	Standard Test Method for Interfacial Tension of Oil Against Water by the Ring Method.
ASTM D 1524	Standard Test Method for Visual Examination of Used Electrical Insulating Oils of Petroleum Origin in the Field.
ASTM D 1534	Standard Test Method for Approximate Acidity in Electrical Insulating Liquids by Color Indicator Titration.
ASTM D 2285	Standard Test Method for Interfacial Tension of Electrical Insulating Oils of Petroleum Origin Against Water by the Drop-Weight Method.
ASTM D 3612	Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography.
ASTM F 18-Series	ASTM Standard on Electrical Protective Equipment for Workers.
ASTM F 478	Standard Specification for In-Service Care of Insulating Line Hose and Covers.
ASTM F 479	Standard Specification for In-Service Care of Insulating Blankets.
ASTM F 496	Standard Specification for In-Service Care of Insulating Gloves and Sleeves.
ASTM F 855	Standard Specifications for Temporary Grounding Systems To Be Used on De-Energized Electric Power Lines and Equipment.

ASTM F 877	Specifications for Personal Climbing Equipment.
ASTM F 1236	Standard Guide for Visual Inspection of Electrical Protective Rubber Products.

American Wood-Preservers' Association (AWPA).
P.O. Box 286, Woodstock, MD 21163-0286

AWPA M6	Brands Used on Forest Products.
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Illuminating Engineer Society of North America (IESNA).
120 Wall Street, 17th Floor, New York, NY 10005
Lighting Handbook, References and Application.

Institute of Electrical and Electronics Engineers, Inc. (IEEE).
445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331

IEEE 62	Guide for Field Testing Power Apparatus Insulation.
IEEE 142	Recommended Practice for Grounding of Industrial and Commercial Power Systems.
IEEE 519	Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems.
IEEE 978	Guide for In-Service Maintenance and Electrical Testing of Live-Line Tools.
IEEE 1048	Guide for Protective Grounding of Power Lines.
IEEE C37.2	Standard Electrical Power System Device Function Numbers.
IEEE C57.104	Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers.
IEEE S-135-1	Power Cable Ampacities Volume I, Copper Conductors.
IEEE S-135-2	Power Cable Ampacities Volume II, Aluminum Conductors.

InterNational Electrical Testing Association (NETA).
P.O. Box 687, Morrison, CO 80465

NETA MTS-1993	Maintenance Testing Specifications for Distribution Equipment and Systems.
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National Fire Protection Association (NFPA).
One Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101

NFPA 70	National Electrical Code.
NFPA 70B	Recommended Practice for Electrical Equipment Maintenance.

Steel Structures Painting Council (SSPC).
4516 Henry Street, Suite 301, Pittsburgh, PA 15213-1113
Steel Structure Painting Manual, Volume I, Good Painting Practices

American Electrician's Handbook by Terre11 Croft and Wilford J. Summers, McGraw-Hill, Inc., 1221 Avenue of the Americas, New York, NY 10020-1001.

The Lineman's and Cableman's Handbook by Edwin B. Kurtz and Thomas M. Shoemaker, McGraw-Hill, Inc., 1221 Avenue of the Americas, New York, NY 10020-1001.

Electrical Equipment Testing and Maintenance by A.S. Gill, Prentice Hall, Route 9W, Englewood Cliffs, NJ 07632-0000